

2002

Summer Capacity Survey

**Wabash Valley Power
Association, Inc.**

**Rick Coons
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Summer Actions

- ✦ **Adequate Generation Supply**
- ✦ **Direct-Load Control**
- ✦ **Customer Payback Plan**
- ✦ **Power Supply Emergency Plan**
- ✦ **Future Capacity Plans**

2002

Historical Summer Peak

MW

1999

991

2000

924

2001

1034

2002 Summer Peak Projections

	(MWs)		
	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>
Member:			
	1072	1177	1177
Non-Member:			
	100	100	100

Power Supply Resources

	<u>Jun</u>	<u>Jul</u>	<u>Aug</u>
✦ Gibson Unit #5	156	156	156
✦ Firm Purchase	529	612	610
✦ System Firm	76	76	76
✦ Unit Contingent	479	479	479
✦ Load Control	48	48	48
✦ Customer Payback	20	20	20
	<u>1308</u>	<u>1391</u>	<u>1389</u>

Direct-Load Control

✦ Air Conditioner Control	11 MW
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✦ Water Heater	28 MW
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✦ Misc.	<u>9 MW</u>
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(pool pumps, voltage control, irrigation, etc.)

TOTAL	48 MW
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Customer Payback Plan

- ✦ **Introduced in 1999,
continued in 2002**
- ✦ **Voluntary Interruption Program**
- ✦ **Projected Benefit of 20 MWs**

Power Supply Emergency Plan

Alert Levels

- 1. Load Curtailments**
- 2. News Media**
- 3. Cancel Sales, Request Emergency Power**
- 4. Interruptible Customers Curtailed**

Future Power Supply/ Demand Side Plans

✦ Recent Acquisitions (2001 & 2002)

- ✦ Cadiz Peaking Project 50 MW**
- ✦ AEP Peaking Purchase 100 MW**
- ✦ Install small diesel 3 MW
generation and
methane fueled engines**

Future Power Supply

✦ Future Plans

- ✦ Evaluate new coal projects
- ✦ Evaluate new combined cycle projects
- ✦ Expand Wabash Valley's methane fueled generation
- ✦ Extend peaking power purchases

Future Capacity Plans

- ✦ **150 MW Peaking from AEP
(2003)**
- ✦ **150 MW Global Energy-Coal Gasification
(2006)**
- ✦ **200 MW Short-Term Purchases
(2004-2005)**

Wabash Valley's Power Needs

